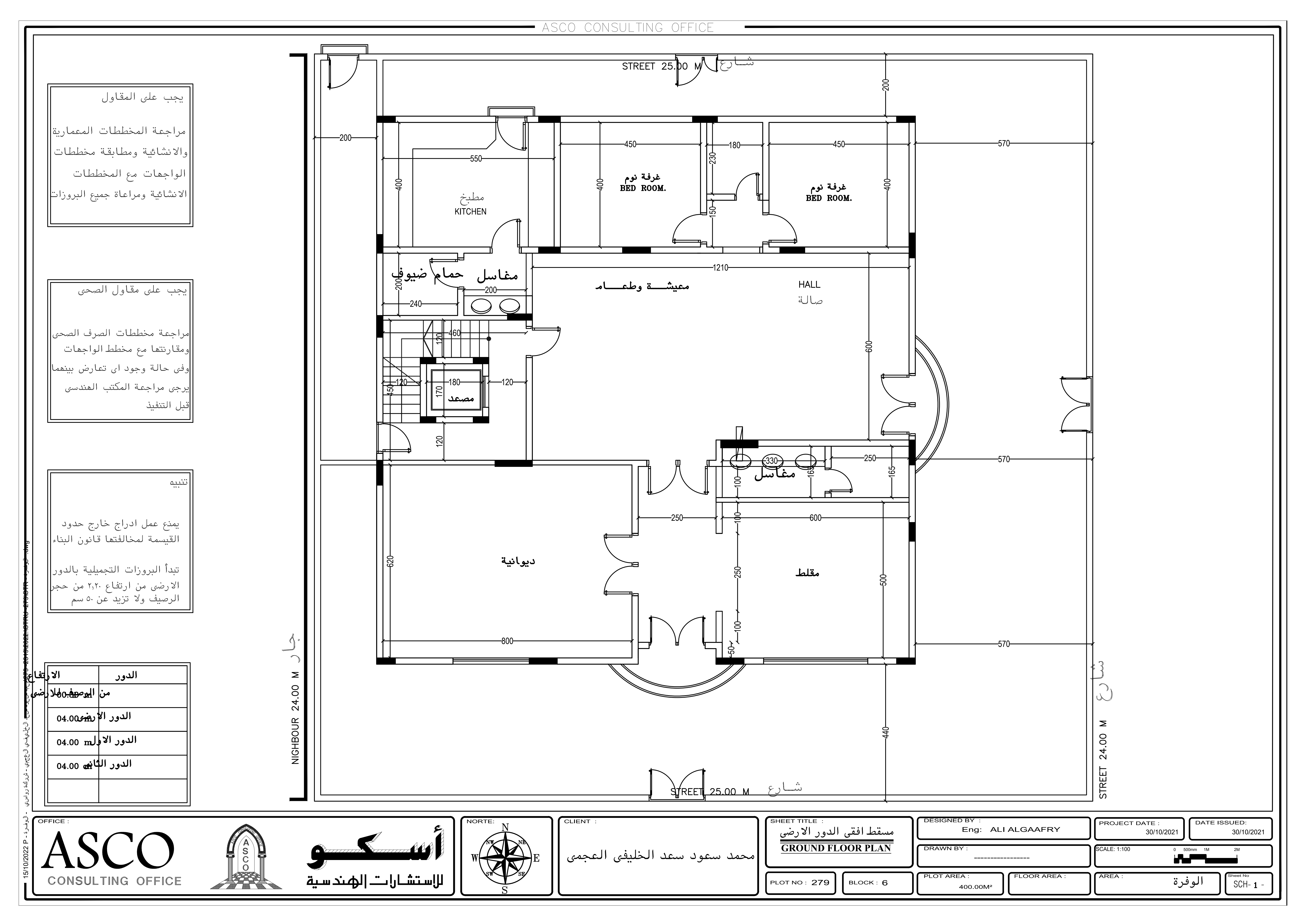
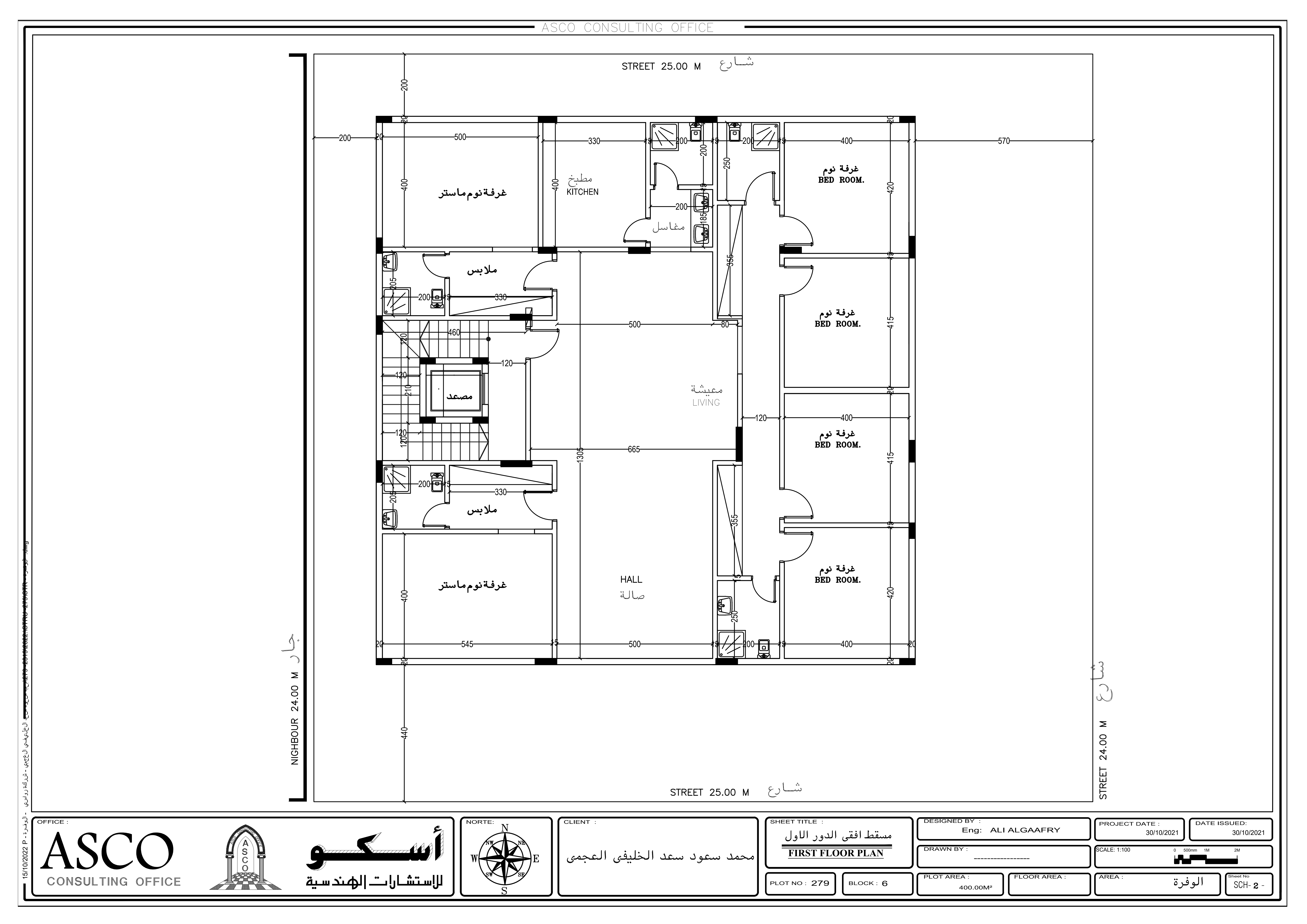
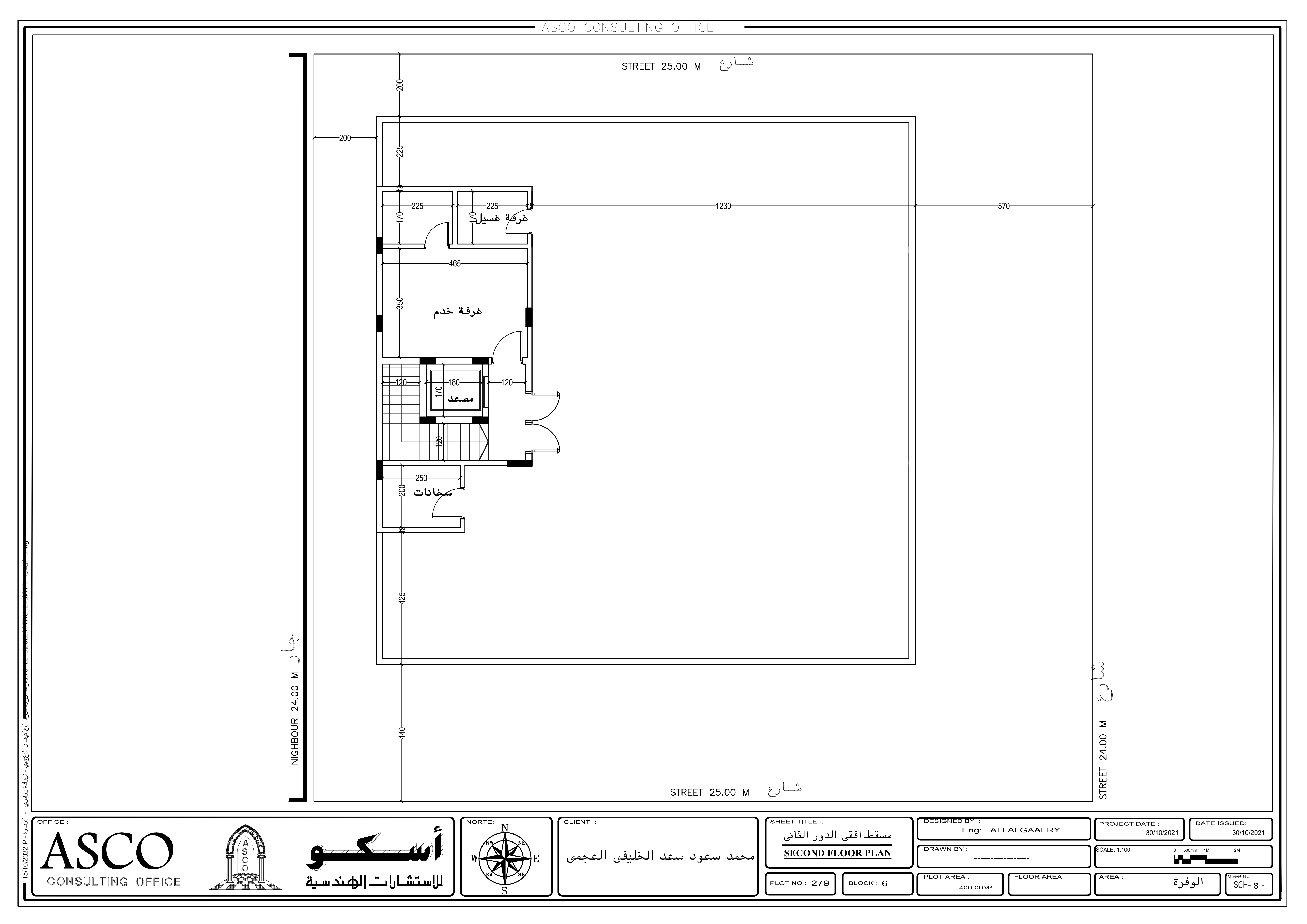


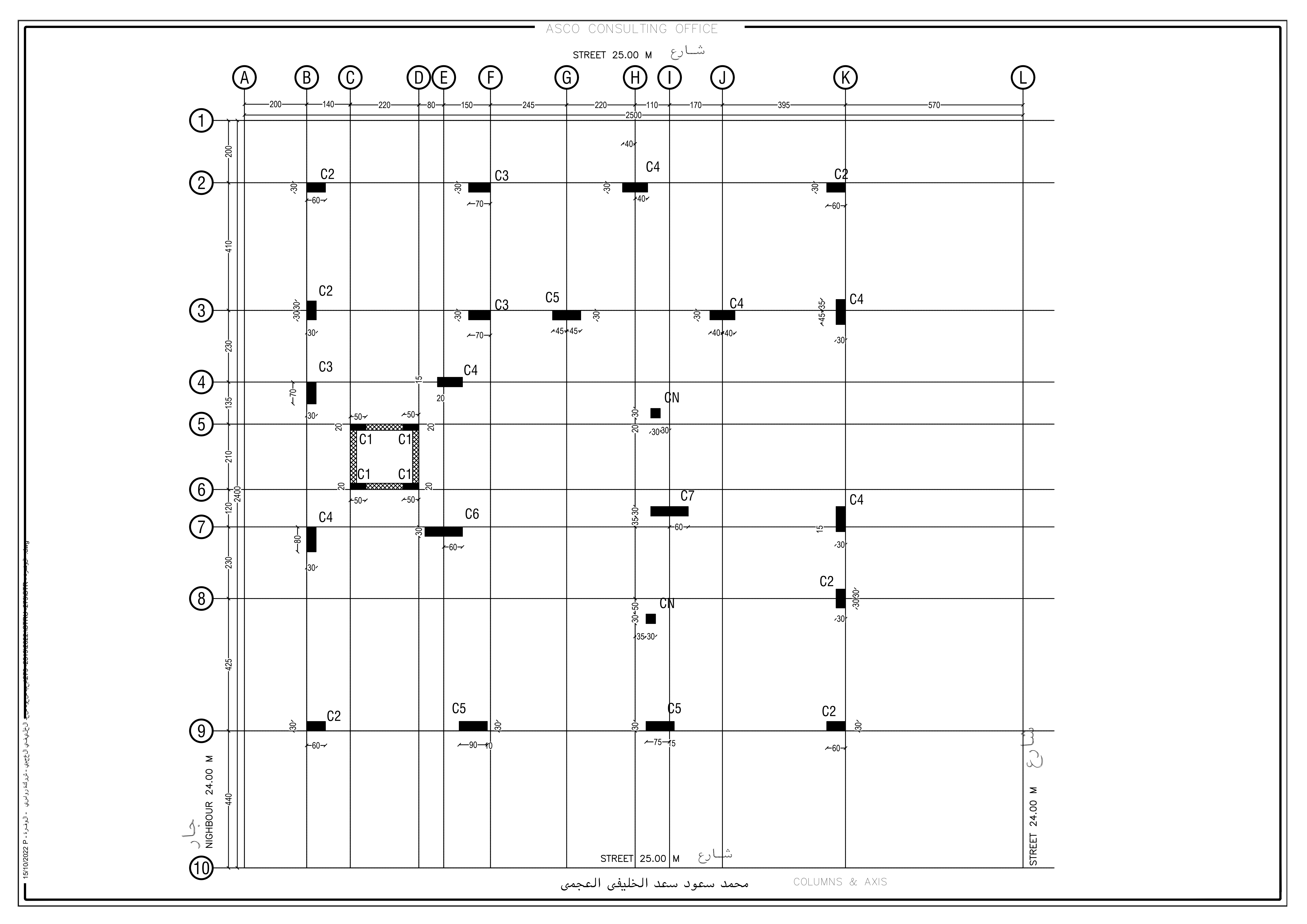
الارتفاع	الدور
00.00 m	من الرصيف للارضى
04.00 m	الدور الارضى
04.00 m	الدور الاول
04.00 m	الدور الثانى

OFFICE :	ASCO CONSULTING OFFICE — أسكو للاستشارات الهندسية
NORTE:	N E S W
CLIENT :	محمد سعود سعد الخليفى العجمى
SHEET TITLE :	مسقط افقى الدور الارضى — GROUND FLOOR PLAN
DESIGNED BY :	Eng: ALI ALGAAFRY
DRAWN BY :	-----------------
PROJECT DATE :	30/10/2021
DATE ISSUED:	30/10/2021
SCALE:	1:100
PLOT NO :	279
BLOCK :	6
PLOT AREA :	400.00M²
FLOOR AREA :	
AREA :	الوفرة
Sheet No	SCH- 1 -

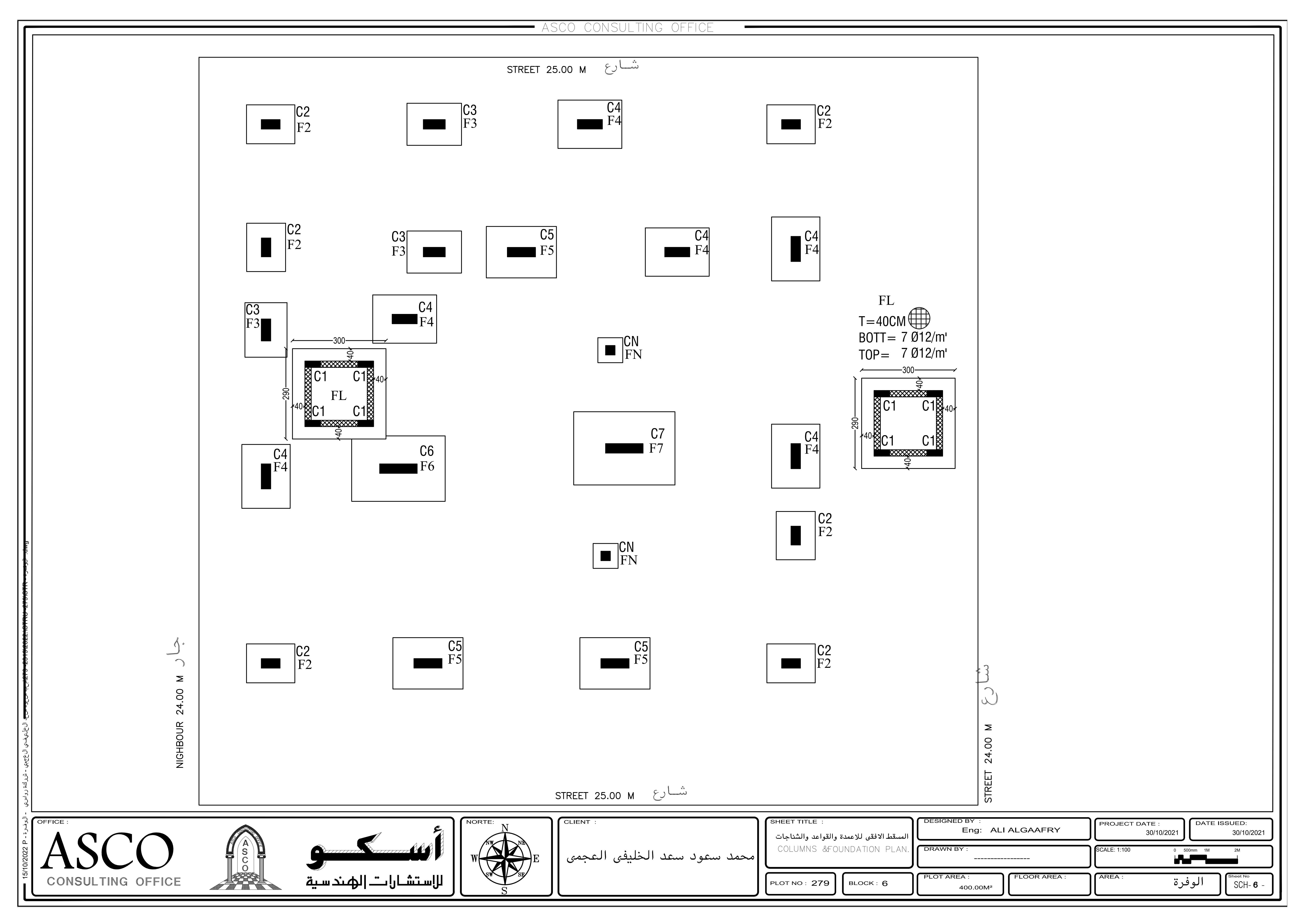

ASCO CONSULTING OFFICE
STREET 25.00 M شــارع
غرفة نوم ماستر
مطبخ
KITCHEN
مغاسل
غرفة نوم
BED ROOM.
ملابس
مصعد
معيشة
LIVING
HALL
صالة
NIGHBOUR 24.00 M جار
STREET 24.00 M شارع
STREET 25.00 M شــارع
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
مسقط افقى الدور الاول
FIRST FLOOR PLAN
PLOT NO : 279
BLOCK : 6
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PLOT AREA :
400.00M²
FLOOR AREA :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
AREA :
الوفرة
Sheet No
SCH- 2 -

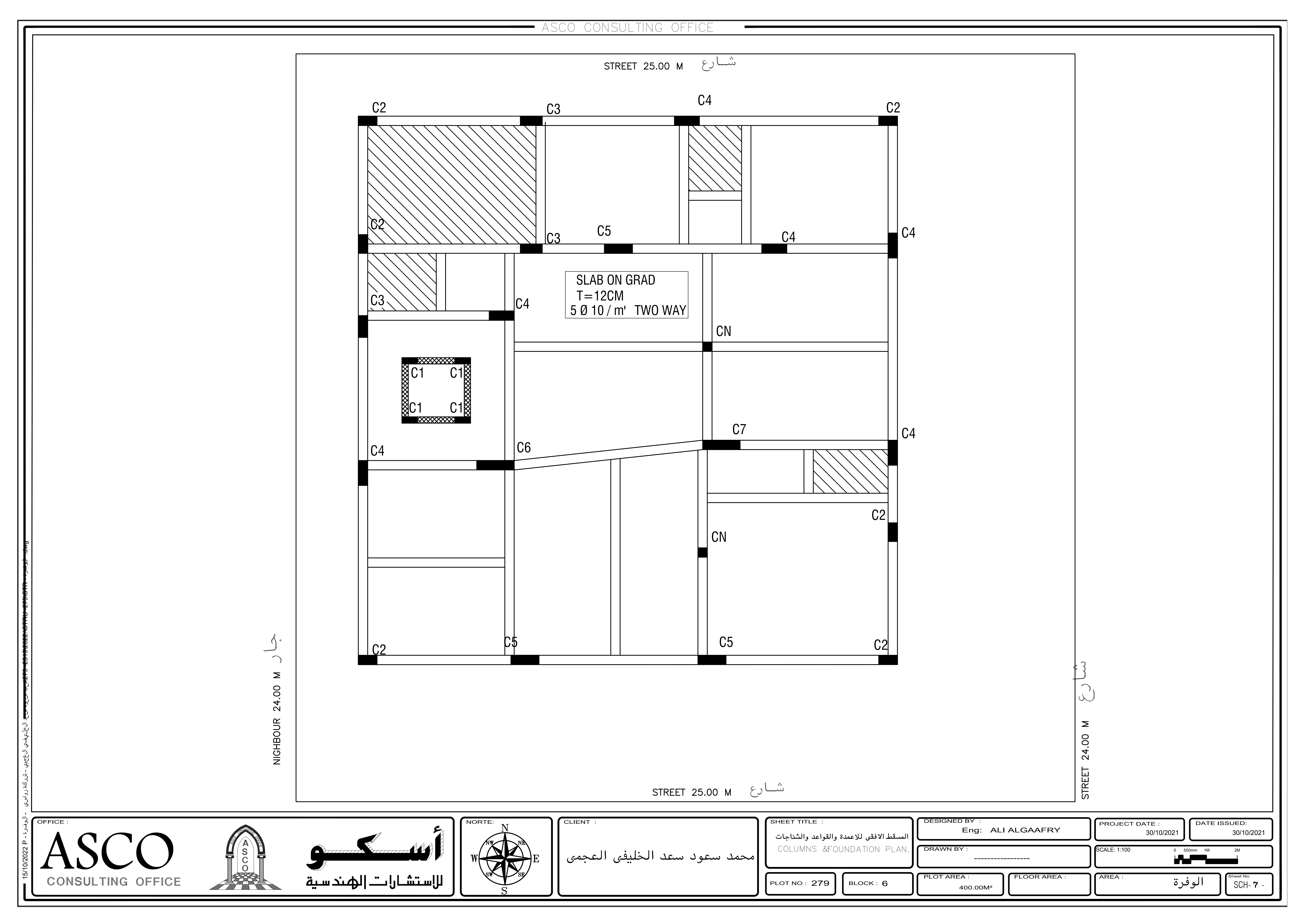


STREET 25.00 M شـــارع
200
200
225
225
225
غرفة غسيل
170
170
1230
570
465
غرفة خدم
350
120
180
120
170
مصعد
120
250
200
سخانات
425
440
NIGHBOUR 24.00 M جار
STREET 25.00 M شـــارع
STREET 24.00 M شارع
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
مسقط افقى الدور الثانى
SECOND FLOOR PLAN
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
PLOT NO : 279
BLOCK : 6
PLOT AREA :
400.00M²
FLOOR AREA :
AREA :
الوفرة
Sheet No
SCH- 3 -
15/10/2022 P

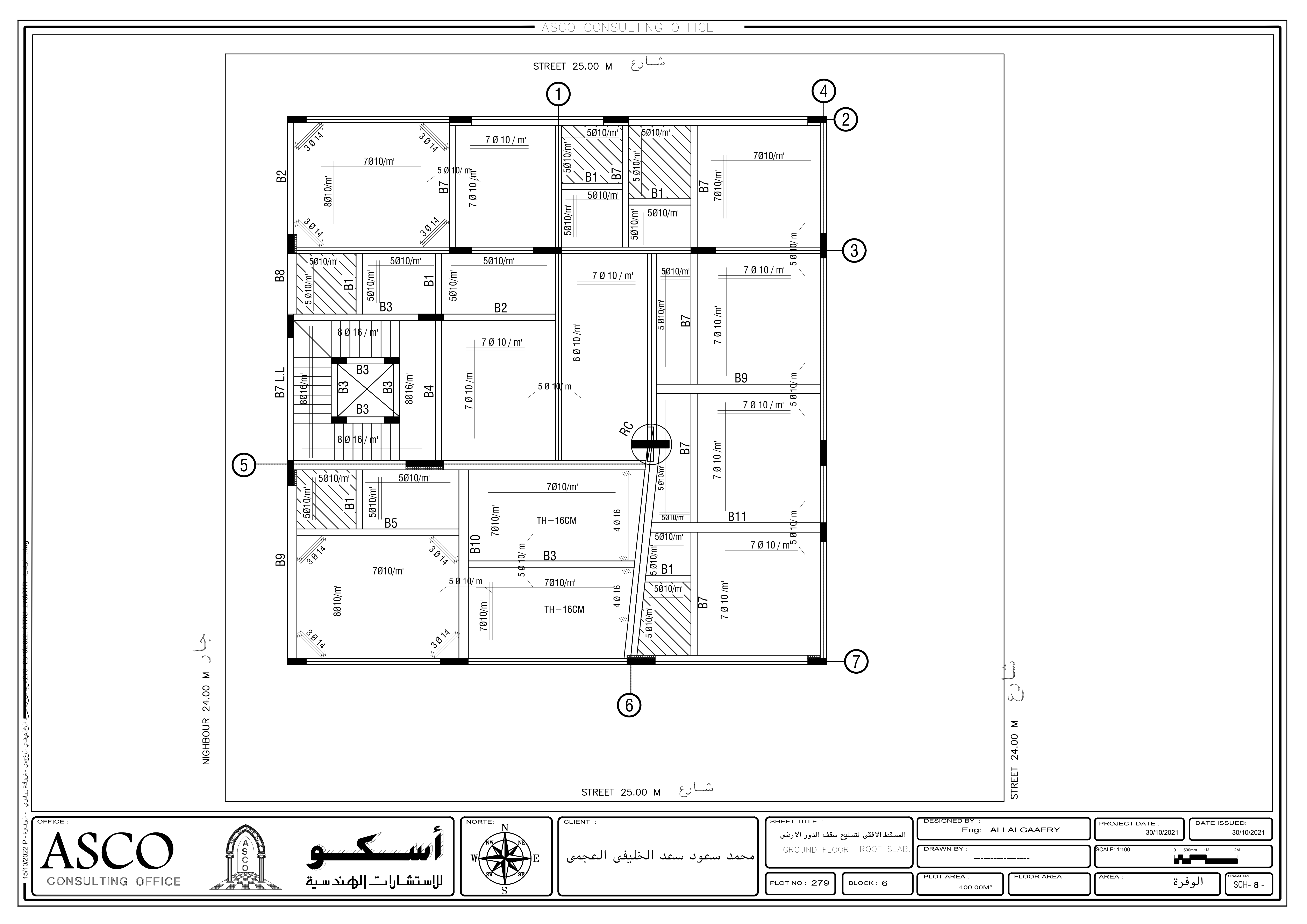


ASCO CONSULTING OFFICE
STREET 25.00 M شارع
A B C D E F G H I J K L
200 140 220 80 150 245 220 110 170 395 570
2500
1 2 3 4 5 6 7 8 9 10
200 410 230 135 210 120 230 425 440
2400
C1 C2 C3 C4 C5 C6 C7 CN
NIGHBOUR 24.00 M جار
STREET 25.00 M شارع
STREET 24.00 M
محمد سعود سعد الخليفى العجمى
COLUMNS & AXIS
15/10/2022

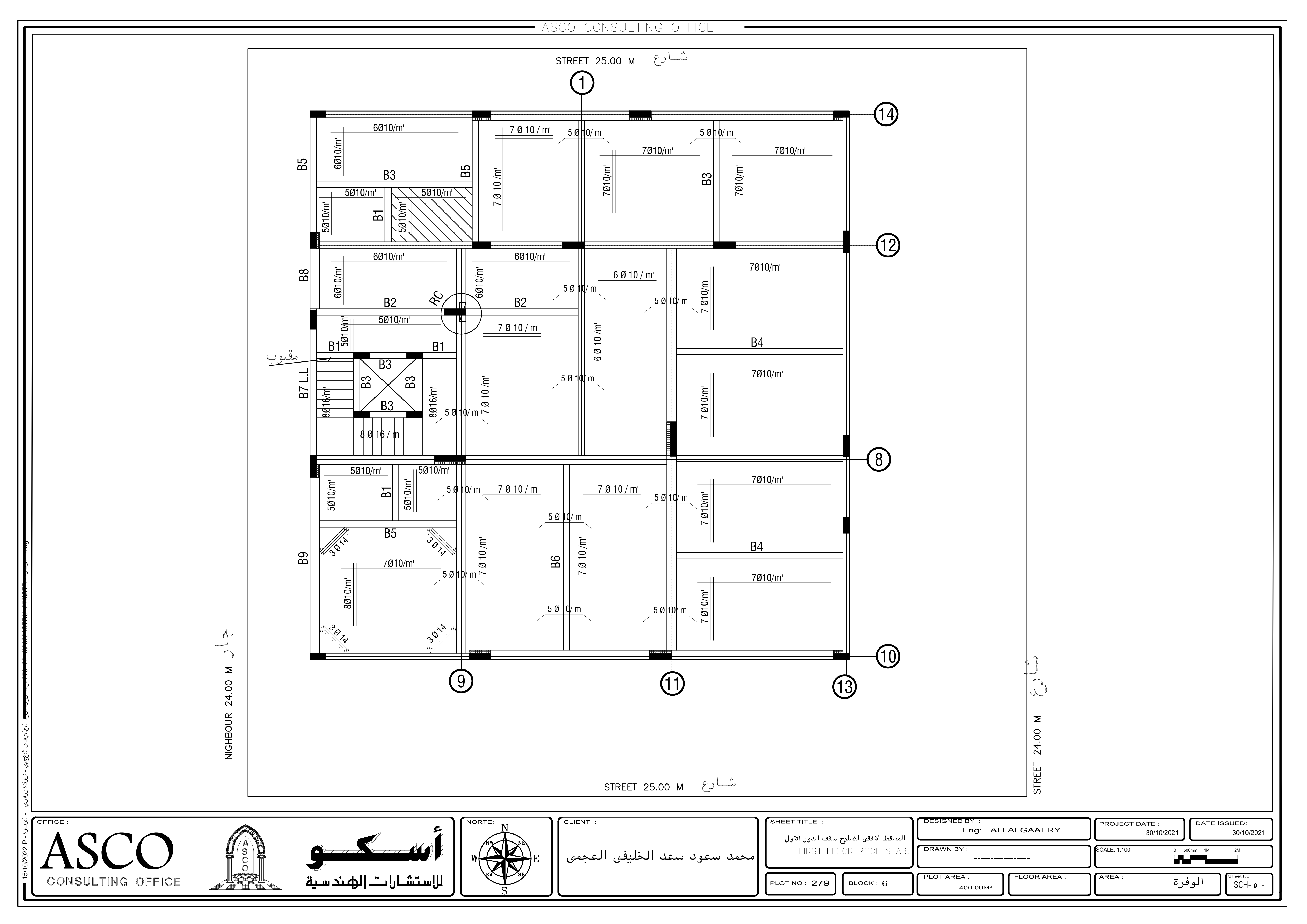

ASCO CONSULTING OFFICE
STREET 25.00 M شارع
C2 F2
C3 F3
C4 F4
C2 F2
C2 F2
C3 F3
C5 F5
C4 F4
C4 F4
C3 F3
C4 F4
300
40
C1 C1
FL
C1 C1
290
CN FN
FL
T=40CM
BOTT= 7 Ø12/m'
TOP= 7 Ø12/m'
C4 F4
C6 F6
C7 F7
C4 F4
C2 F2
CN FN
C2 F2
C5 F5
C5 F5
C2 F2
NIGHBOUR 24.00 M جار
STREET 24.00 M شارع
STREET 25.00 M شارع
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
المسقط الافقى للاعمدة والقواعد والشناجات
COLUMNS &FOUNDATION PLAN.
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PROJECT DATE : 30/10/2021
DATE ISSUED: 30/10/2021
SCALE: 1:100
PLOT NO : 279
BLOCK : 6
PLOT AREA : 400.00M²
FLOOR AREA :
AREA : الوفرة
Sheet No SCH- 6 -
15/10/2022



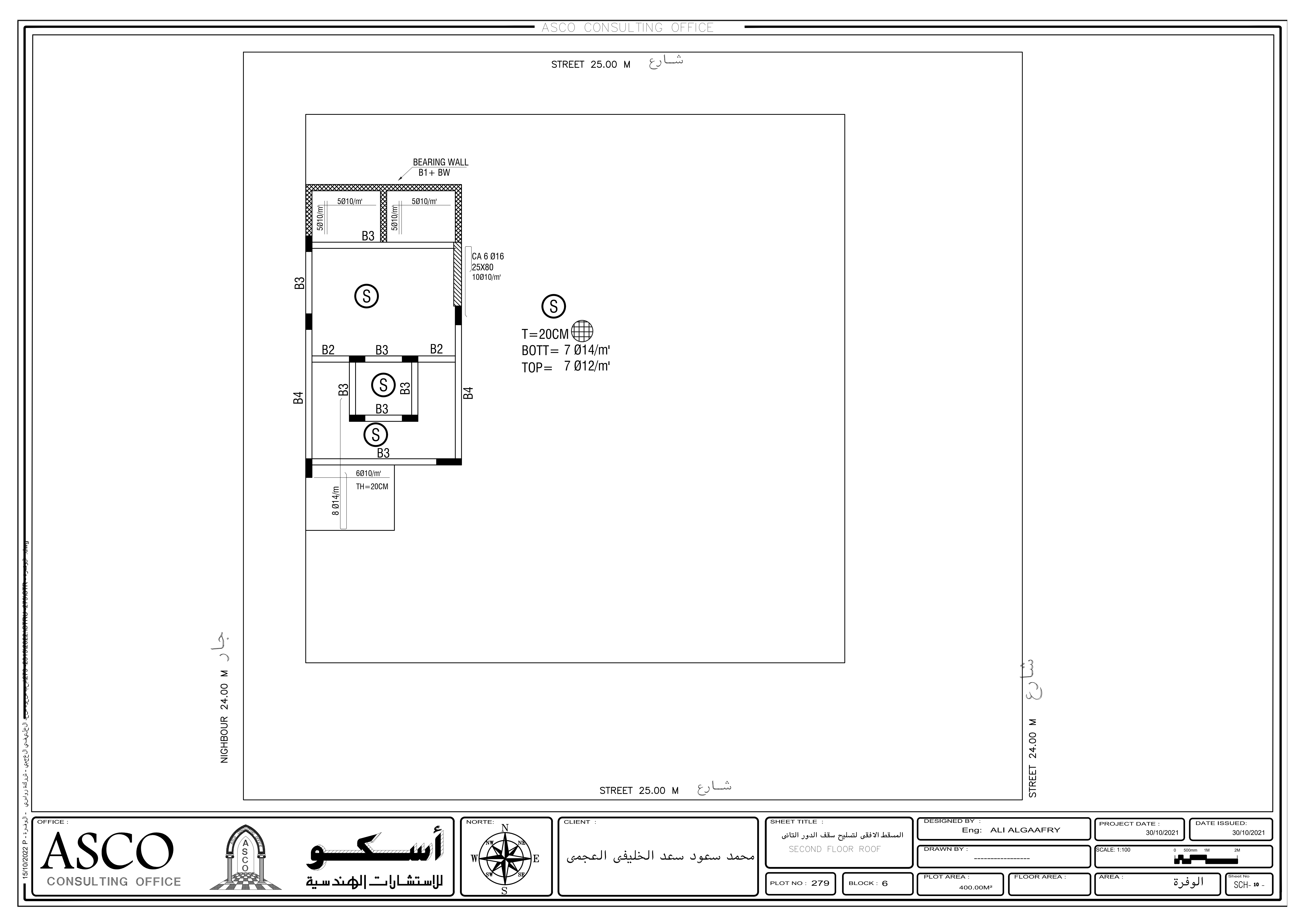
ASCO CONSULTING OFFICE
STREET 25.00 M شـــارع
C2
C3
C4
C2
C2
C3
C5
C4
C4
SLAB ON GRAD
T=12CM
5 Ø 10 / m' TWO WAY
C3
C4
CN
C1
C1
C1
C1
C7
C4
C4
C6
C2
CN
C2
C5
C5
C2
NIGHBOUR 24.00 M جار
STREET 24.00 M شارع
STREET 25.00 M شـــارع
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
المسقط الافقى للاعمدة والقواعد والشناجات
COLUMNS &FOUNDATION PLAN.
PLOT NO : 279
BLOCK : 6
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PLOT AREA :
400.00M²
FLOOR AREA :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
AREA :
الوفرة
Sheet No
SCH- 7 -



OFFICE : ASCO CONSULTING OFFICE أسكو للاستشارات الهندسية	NORTE:	CLIENT : محمد سعود سعد الخليفى العجمى	SHEET TITLE : المسقط الافقى لتسليح سقف الدور الارضى GROUND FLOOR ROOF SLAB.	DESIGNED BY : Eng: ALI ALGAAFRY
				DRAWN BY : ------------------
			PLOT NO : 279	BLOCK : 6
PLOT AREA : 400.00M²	FLOOR AREA :	AREA : الوفرة	Sheet No SCH- 8 -	
PROJECT DATE : 30/10/2021	DATE ISSUED: 30/10/2021	SCALE: 1:100		



ASCO CONSULTING OFFICE
STREET 25.00 M شــارع
NIGHBOUR 24.00 M جار
STREET 24.00 M شارع
STREET 25.00 M شــارع
B1 B2 B3 B4 B5 B6 B7 L.L B8 B9
RC
مقلوب
6Ø10/m'
5Ø10/m'
7Ø10/m'
8Ø16/m'
3Ø14
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
المسقط الافقى لتسليح سقف الدور الاول
FIRST FLOOR ROOF SLAB.
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
PLOT NO : 279
BLOCK : 6
PLOT AREA :
400.00M²
FLOOR AREA :
AREA :
الوفرة
Sheet No
SCH- ٩ -


ASCO CONSULTING OFFICE
STREET 25.00 M شارع
BEARING WALL
B1+ BW
5Ø10/m'
5Ø10/m'
5Ø10/m'
5Ø10/m'
B3
CA 6 Ø16
25X80
10Ø10/m'
S
T=20CM
BOTT= 7 Ø14/m'
TOP= 7 Ø12/m'
B2
B3
B2
B4
B3
B3
B3
B4
B3
6Ø10/m'
TH=20CM
8 Ø14/m
NIGHBOUR 24.00 M جار
STREET 24.00 M شارع
STREET 25.00 M شارع
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
NW
NE
SW
SE
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
المسقط الافقى لتسليح سقف الدور الثانى
SECOND FLOOR ROOF
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
PLOT NO : 279
BLOCK : 6
PLOT AREA :
400.00M²
FLOOR AREA :
AREA :
الوفرة
Sheet No
SCH- 10 -

SITE INVESTGATION

RECOMMENDATION.

GWL=M

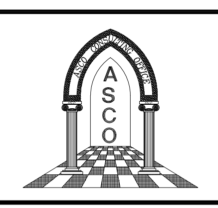
B.C At 1.5 M				
2.0 M				
2.5 M				
1.5 M	3	3	3	

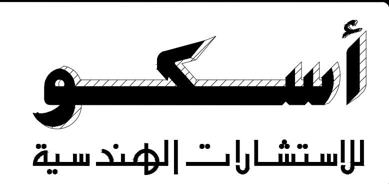
عمق الحفر لايقل عن 1.50 M من الرصيف

1-PLAIN CONCRETE MIX 1:3:6,
2-REINT CONCRETE SEE SPECIFICATION,
3-ALL SLAB ARE (15CM THIC) UNLESS OTHER WISE INDICTED,
4-SLAB UNDER WATER TANKS (20CM THICK) WITH 8ø14 BOTH WAYS,
5-STIRRUP FOR COLUMNS ARE ø8/15CM C/C,
6-REFER STRUCTURAL DRGS WITHARCHITECTURAL DRGS,
7-ALL STEEL (FC = ______ 4200 ______)
8-CONCRETE STRENGTH FC = ______ 300 ______ Kg/Cm2
TP = ______ ______ Kg/Cm2
9-FOR COLUMNS Kg/Cm FOR BEAMS ______ 300 ______ Kg/Cm2

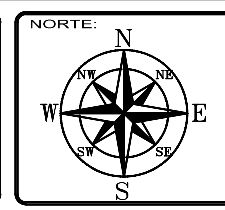
OFFICE :







NORTE:



CLIENT :	محمد سعود سعد الخليفى العجمى
SHEET TITLE :	
PLOT NO : 279	BLOCK : 6
DESIGNED BY :	Eng: ALI ALGAAFRY
DRAWN BY :	-----------------
PROJECT DATE :	30/10/2021
DATE ISSUED:	30/10/2021
SCALE: 1:100	0 500mm 1M 2M
PLOT AREA :	400.00M²
FLOOR AREA :	
AREA :	الوفرة
Sheet No	SCH- 12-

SCHEDULE OF FOOTINGS AND COLUMNS

SCHEDULE OF FOOTING

TYPE OF FOOT	FOOTING SIZE			REINFORCEMENT			REMARKS
	L	W	H	SHORT BARS	LONG BARS	BOXED	
F1	100	90	35	7 Ø 12	6 Ø 12		
F2	155	125	40	11 Ø 12	10 Ø 12		
F3	175	135	40	12Ø 12	10 Ø 12		
F4	205	155	45	16 Ø 12	13 Ø 12		
F5	225	165	50	17 Ø 12	13 Ø 12		
F6	300	210	60	29 Ø 12	20 Ø 12		
F7	325	235	60	28 Ø 14	20 Ø 14		

عمق الحفر لايقل عن 1.50 M من الرصيف

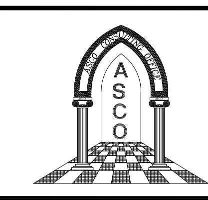
FOUNDATION LEVEL =(1.50) M FROM STREET

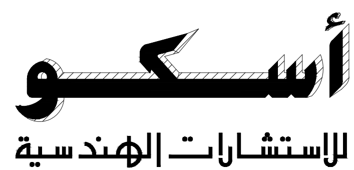
SCHEDULE OF COLUMNS

TYPE OF COLS	FOUNDATION & BASE. سرداب + قواعد			GROUND FLOOR ارضى			FIRST FLOOR اول			SECOND FLOOR التانى			ROOF		
DIM	W	L	REIN.	W	L	REIN.	W	L	REIN.	W	L	REIN.	W	L	REIN.
C1	30	50	8 Ø 14	20	50	8 Ø 14	20	50	8 Ø 14	20	50	8 Ø 14	20	40	6 Ø 14
C2	30	60	10 Ø 14	20	60	10 Ø 14	20	50	8 Ø 14	20	50	8 Ø 14	20	40	6 Ø 14
C3	30	70	12 Ø 14	20	70	12 Ø 14	20	60	10 Ø 14	20	50	8 Ø 14	20	40	6 Ø 14
C4	30	80	14 Ø 14	20	80	14 Ø 14	20	70	12 Ø 14	20	60	10 Ø 14	20	40	6 Ø 14
C5	30	90	18 Ø 14	20	90	18 Ø 14	20	70	12 Ø 14	20	60	10 Ø 14	20	50	8 Ø 14
C6	30	120	20 Ø 16	20	120	20 Ø 16	20	100	20 Ø 14	20	80	14 Ø 14	20	60	10 Ø 14
C7	30	120	20 Ø 16	25	120	20 Ø 16	20	110	20 Ø 14	20	90	16 Ø 14	20	70	12 Ø 14

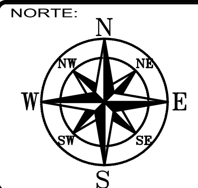
OFFICE :







NORTE:

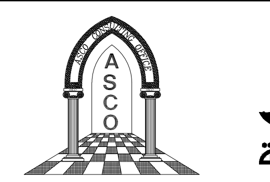


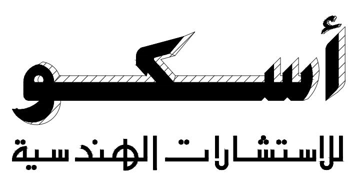
CLIENT :	محمد سعود سعد الخليفى العجمى
SHEET TITLE :	SCHEDULE OF FOOTINGS AND COLUMNS
DESIGNED BY :	Eng: ALI ALGAAFRY
DRAWN BY :	------------------
PROJECT DATE :	30/10/2021
DATE ISSUED:	30/10/2021
SCALE:	1:100
PLOT NO :	279
BLOCK :	6
PLOT AREA :	400.00M²
FLOOR AREA :	
AREA :	الوفرة
Sheet No	SCH- 13 -

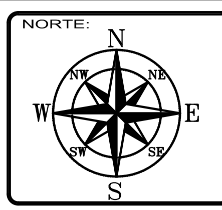
SCHEDULE OF SIMPLE BEAMS

TYPE OF BEAM	SIZE B	SIZE H	BOTTOM BARS	MIDD.	TOP BARS	STIRRUPS	REMARKS
B1	20	35	3 Ø 12	-	2 Ø 12	7 Ø 8/m	
B2	20	45	3 Ø 16	-	2 Ø 12	7 Ø 8/m	
B3	20	75	4 Ø 16	2 Ø 12/30	2 Ø 12	7 Ø 8/m	
B4	20	75	4 Ø 16	2 Ø 12/30	2 Ø 12	7 Ø 8/m	
B5	20	75	5 Ø 16	2 Ø 12/30	2 Ø 12	7 Ø 8/m	
B6	20	75	5 Ø 18	2 Ø 12/30	2 Ø 12	7 Ø 8/m	
B7	20	45	4 Ø 16	2 Ø 12/30	2 Ø 12	7 Ø 8/m	
B8	30	45	3 Ø 16	2 Ø 12/30	3 Ø 12	7 Ø 8/m	
B9	30	75	6 Ø 18	2 Ø 12/30	3 Ø 14	8 Ø 8/m	
B10	30	75	9 Ø 18	2 Ø 12/30	3 Ø 14	10 Ø 8/m	
B11	30	75	9 Ø 18	2 Ø 12/30	3 Ø 14	10 Ø 8/m	

OFFICE :
ASCO
CONSULTING OFFICE

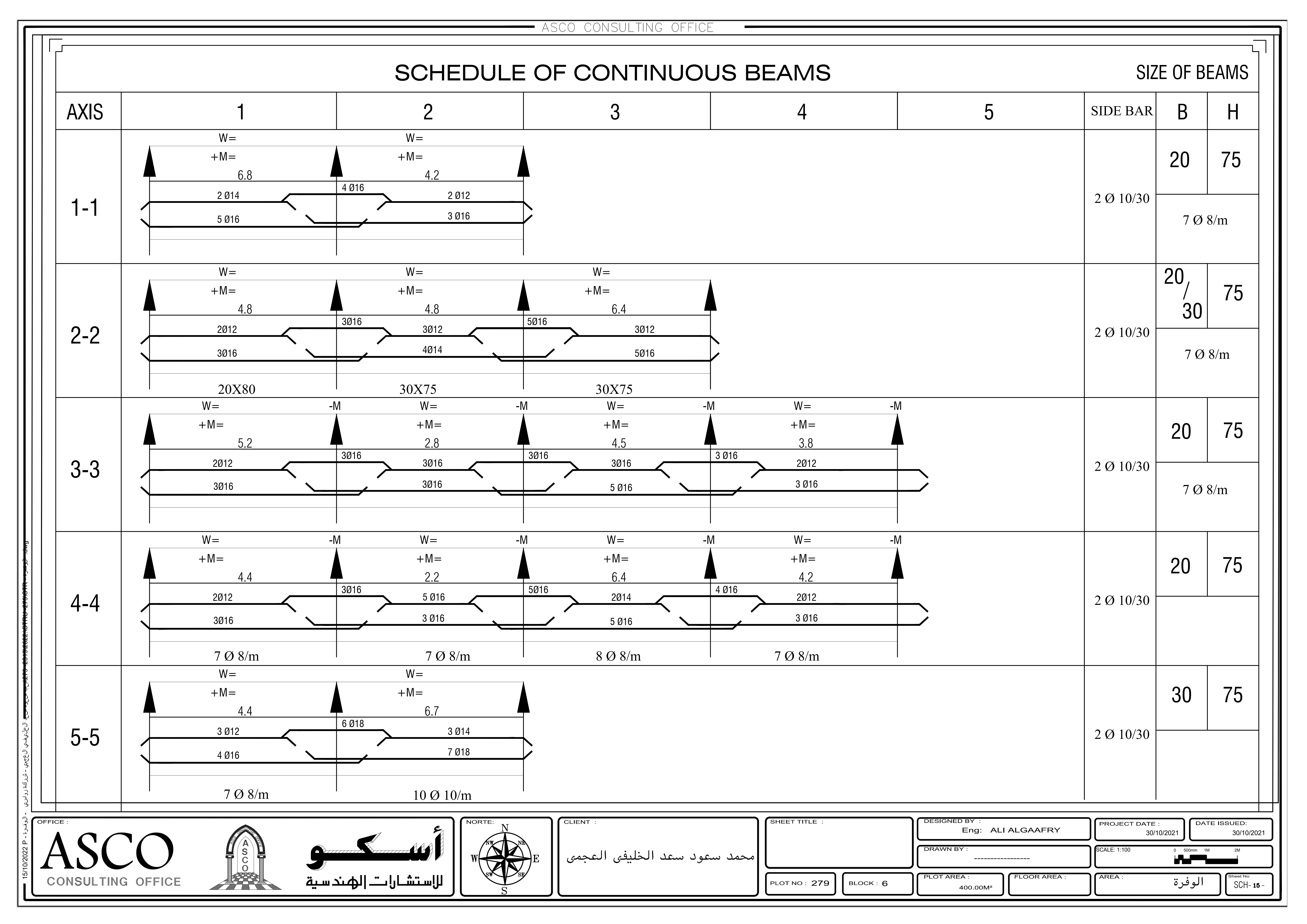


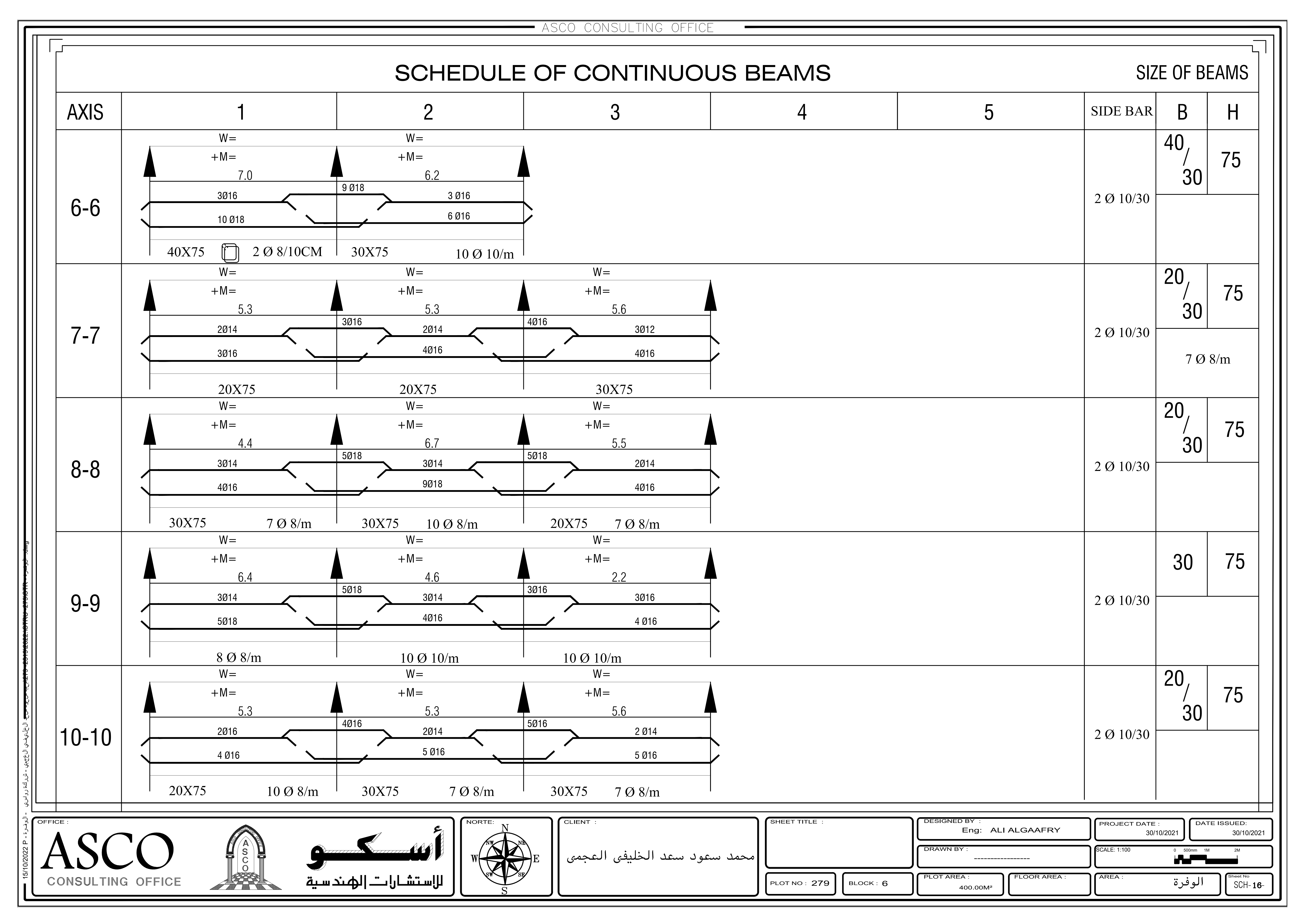


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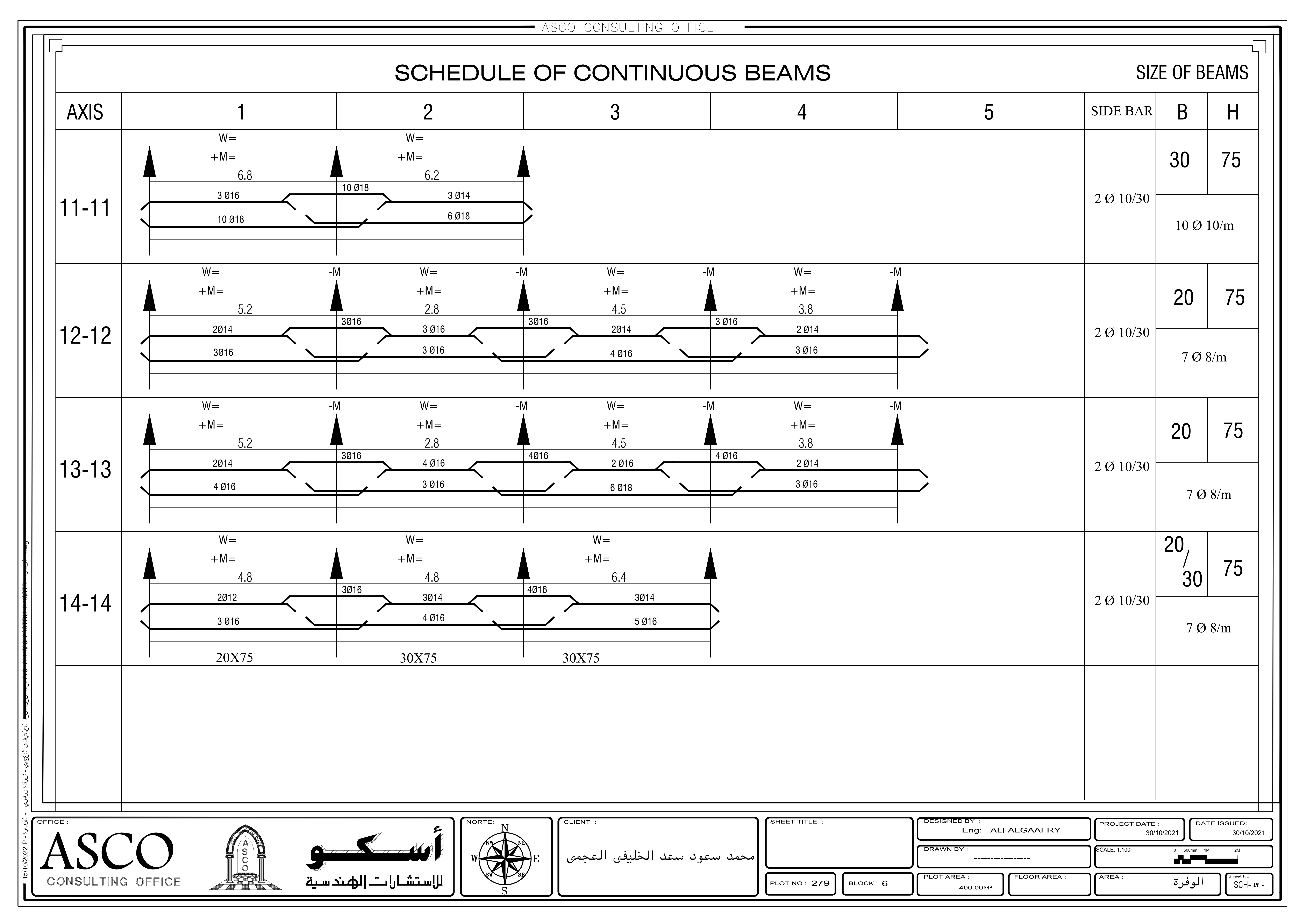
CLIENT : محمد سعود سعد الخليفى العجمى	SHEET TITLE : SCHEDULE OF SIMPLE BEAMS	DESIGNED BY : Eng: ALI ALGAAFRY	PROJECT DATE : 30/10/2021
		DRAWN BY : ------------------	DATE ISSUED: 30/10/2021
	PLOT NO : 279	BLOCK : 6	SCALE: 1:100
	PLOT AREA : 400.00M²	FLOOR AREA :	AREA : الوفرة
			Sheet No SCH-14-

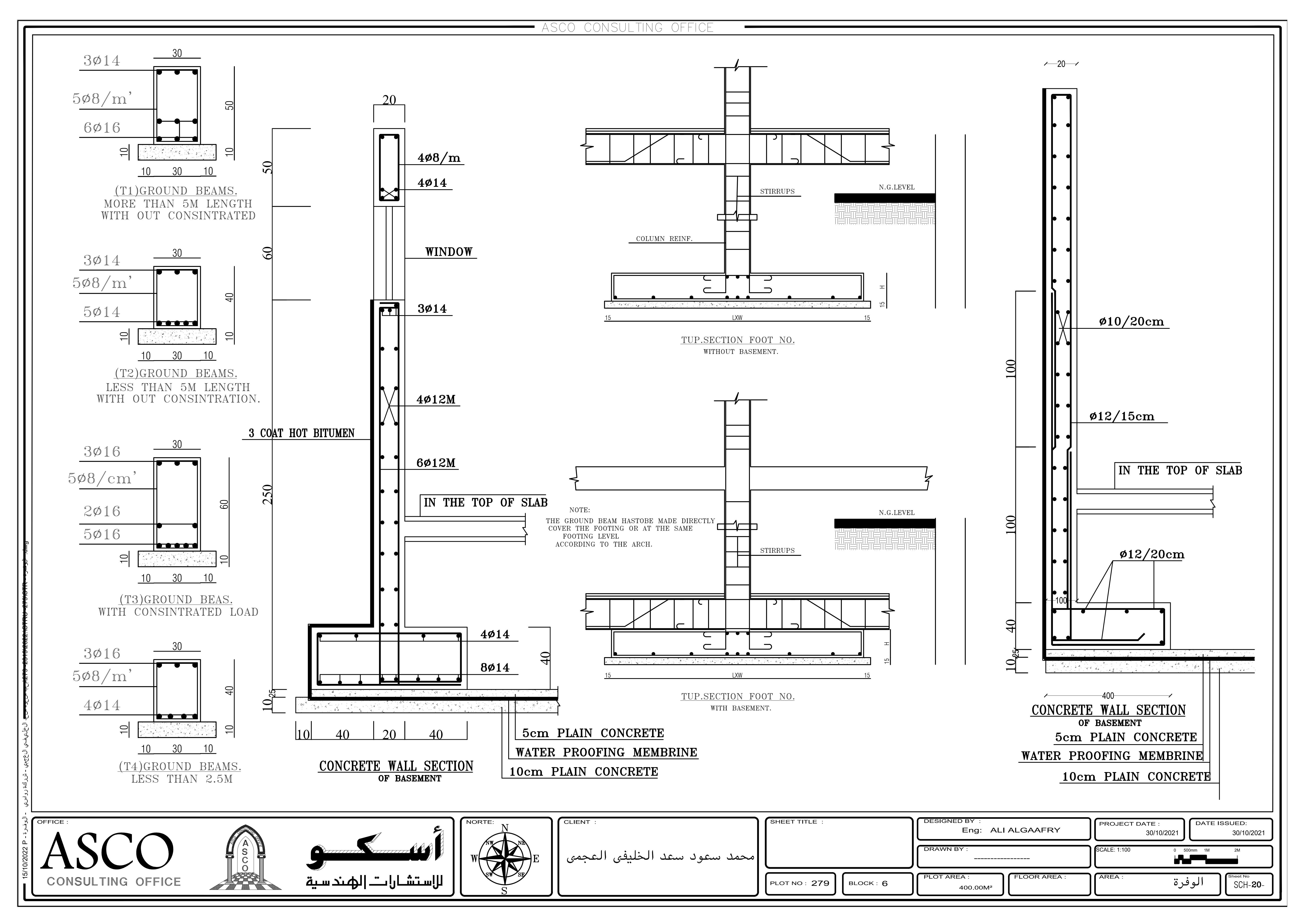
15/10/2022 P - الوفرة -


ASCO CONSULTING OFFICE
SCHEDULE OF CONTINUOUS BEAMS
SIZE OF BEAMS
AXIS
1
2
3
4
5
SIDE BAR
B
H
1-1
W=
+M=
6.8
4.2
4 Ø16
2 Ø14
5 Ø16
2 Ø12
3 Ø16
2 Ø 10/30
20
75
7 Ø 8/m
2-2
4.8
4.8
6.4
3Ø16
5Ø16
2Ø12
3Ø12
3Ø12
3Ø16
4Ø14
5Ø16
20X80
30X75
30X75
2 Ø 10/30
20/30
75
7 Ø 8/m
3-3
-M
5.2
2.8
4.5
3.8
3Ø16
3Ø16
3 Ø16
2Ø12
3Ø16
3Ø16
2Ø12
3Ø16
3Ø16
5 Ø16
3 Ø16
2 Ø 10/30
20
75
7 Ø 8/m
4-4
4.4
2.2
6.4
4.2
3Ø16
5Ø16
4 Ø16
2Ø12
5 Ø16
2Ø14
2Ø12
3Ø16
3 Ø16
5 Ø16
3 Ø16
7 Ø 8/m
7 Ø 8/m
8 Ø 8/m
7 Ø 8/m
2 Ø 10/30
20
75
5-5
4.4
6.7
6 Ø18
3 Ø12
3 Ø14
4 Ø16
7 Ø18
7 Ø 8/m
10 Ø 10/m
2 Ø 10/30
30
75
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
NW
NE
SW
SE
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
PLOT NO : 279
BLOCK : 6
PLOT AREA :
400.00M²
FLOOR AREA :
AREA :
الوفرة
Sheet No
SCH- 15 -
15/10/2022

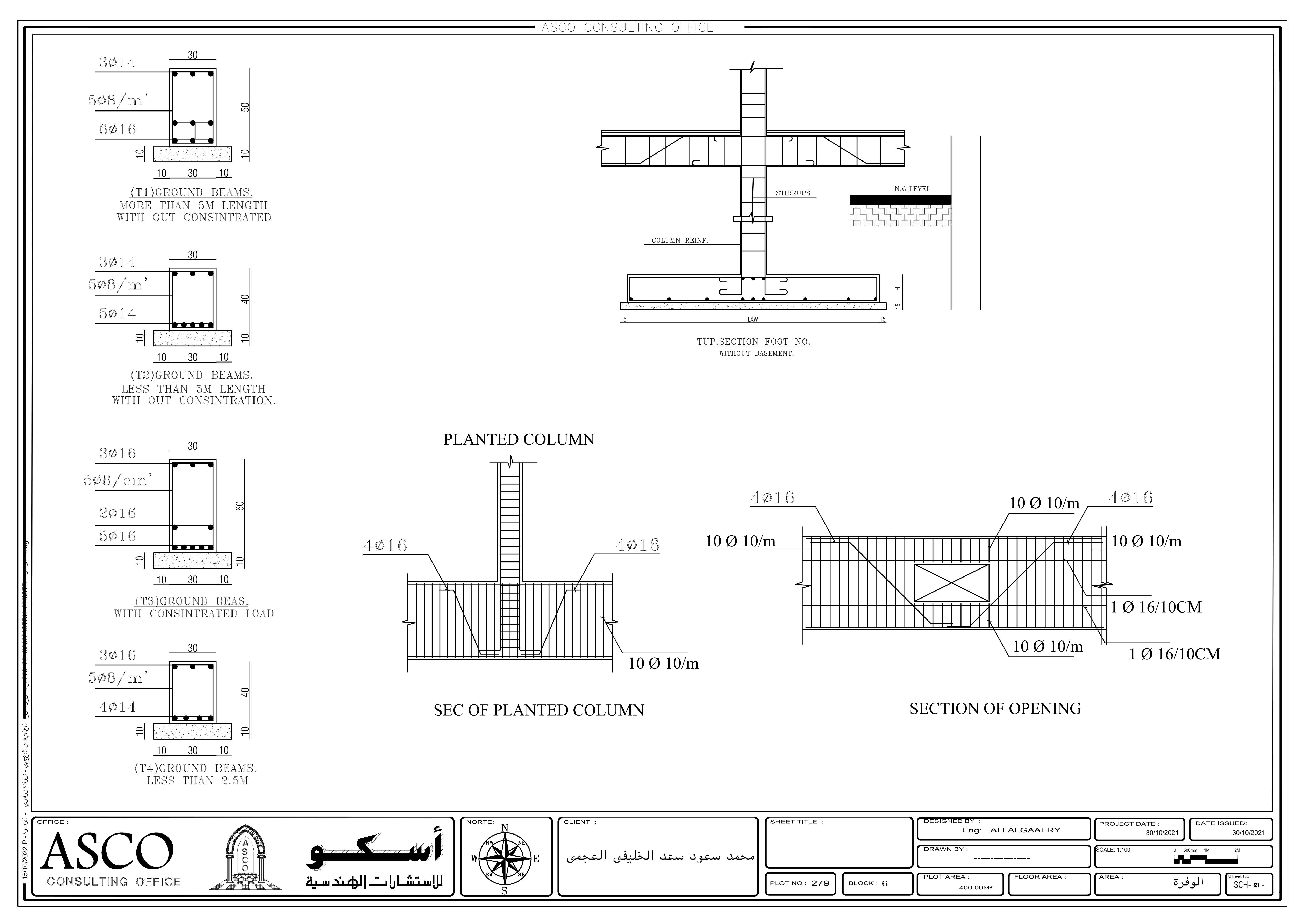


ASCO CONSULTING OFFICE
SCHEDULE OF CONTINUOUS BEAMS
SIZE OF BEAMS
AXIS
1
2
3
4
5
SIDE BAR
B
H
6-6
W=
+M=
7.0
6.2
9 Ø18
3Ø16
3 Ø16
10 Ø18
6 Ø16
40X75
2 Ø 8/10CM
30X75
10 Ø 10/m
2 Ø 10/30
40/30
75
7-7
5.3
5.3
5.6
3Ø16
4Ø16
2Ø14
2Ø14
3Ø12
3Ø16
4Ø16
4Ø16
20X75
20X75
30X75
2 Ø 10/30
20/30
75
7 Ø 8/m
8-8
4.4
6.7
5.5
5Ø18
5Ø18
3Ø14
3Ø14
2Ø14
4Ø16
9Ø18
4Ø16
30X75
7 Ø 8/m
30X75
10 Ø 8/m
20X75
7 Ø 8/m
2 Ø 10/30
20/30
75
9-9
6.4
4.6
2.2
5Ø18
3Ø16
3Ø14
3Ø14
3Ø16
5Ø18
4Ø16
4 Ø16
8 Ø 8/m
10 Ø 10/m
10 Ø 10/m
2 Ø 10/30
30
75
10-10
5.3
5.3
5.6
4Ø16
5Ø16
2Ø16
2Ø14
2 Ø14
4 Ø16
5 Ø16
5 Ø16
20X75
10 Ø 8/m
30X75
7 Ø 8/m
30X75
7 Ø 8/m
2 Ø 10/30
20/30
75
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
NW
NE
SW
SE
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
PLOT NO : 279
BLOCK : 6
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PLOT AREA :
400.00M²
FLOOR AREA :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
AREA :
الوفرة
Sheet No
SCH-16-
15/10/2022

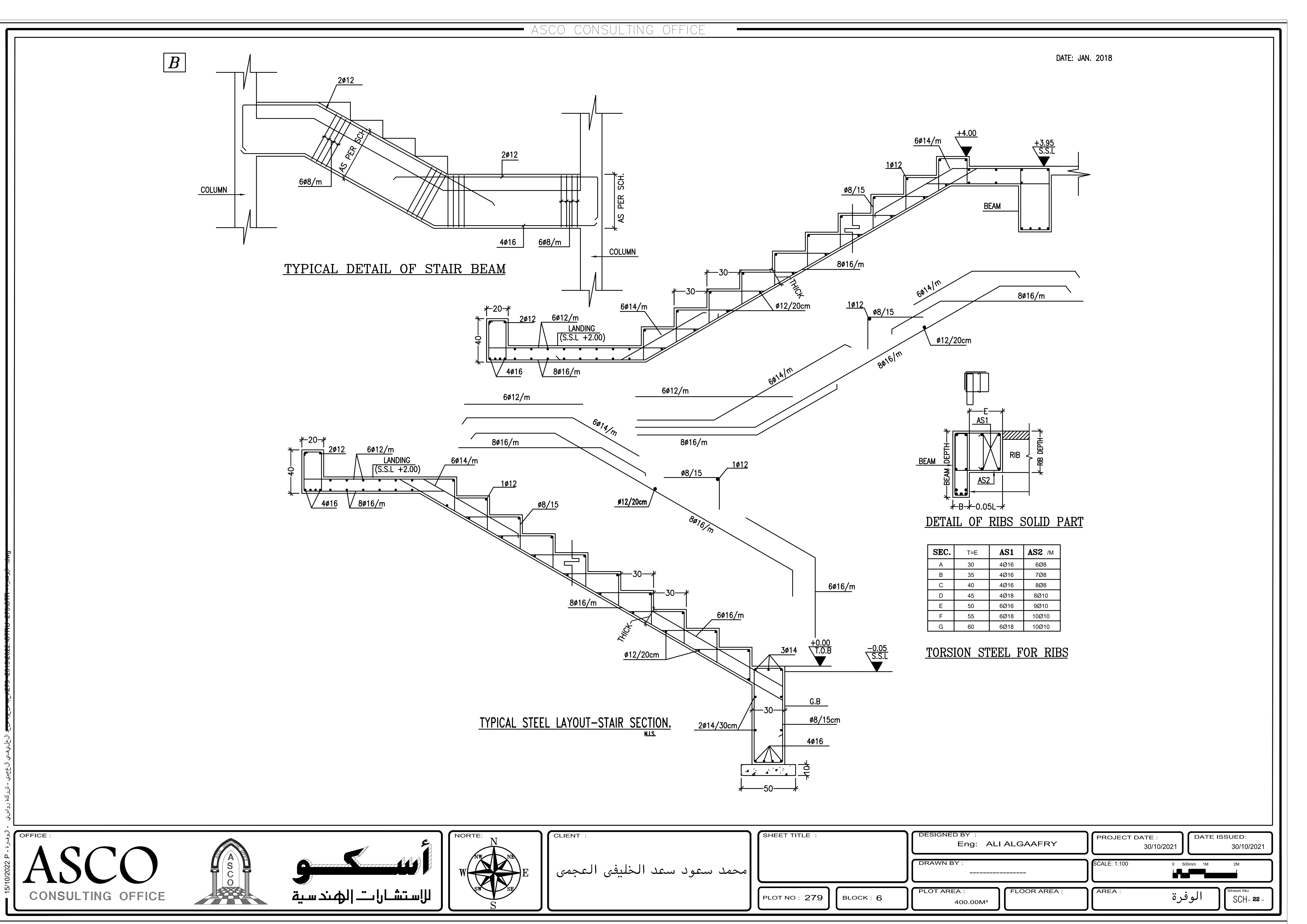

ASCO CONSULTING OFFICE
SCHEDULE OF CONTINUOUS BEAMS
SIZE OF BEAMS
AXIS
1
2
3
4
5
SIDE BAR
B
H
11-11
W=
+M=
6.8
6.2
3 Ø16
10 Ø18
3 Ø14
10 Ø18
6 Ø18
2 Ø 10/30
30
75
10 Ø 10/m
12-12
-M
5.2
2.8
4.5
3.8
2Ø14
3Ø16
3 Ø16
3Ø16
2Ø14
3 Ø16
2 Ø14
3Ø16
3 Ø16
4 Ø16
3 Ø16
2 Ø 10/30
20
75
7 Ø 8/m
13-13
5.2
2.8
4.5
3.8
2Ø14
3Ø16
4 Ø16
4Ø16
2 Ø16
4 Ø16
2 Ø14
4 Ø16
3 Ø16
6 Ø18
3 Ø16
2 Ø 10/30
20
75
7 Ø 8/m
14-14
4.8
4.8
6.4
2Ø12
3Ø16
3Ø14
4Ø16
3Ø14
3 Ø16
4 Ø16
5 Ø16
20X75
30X75
30X75
2 Ø 10/30
20/30
75
7 Ø 8/m
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
NE
E
SE
S
SW
W
NW
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
PLOT NO : 279
BLOCK : 6
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PLOT AREA :
400.00M²
FLOOR AREA :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
AREA :
الوفرة
Sheet No
SCH- ١٧ -
15/10/2022 P



ASCO CONSULTING OFFICE
3Ø14
5Ø8/m'
6Ø16
(T1)GROUND BEAMS.
MORE THAN 5M LENGTH
WITH OUT CONSINTRATED
3Ø14
5Ø8/m'
5Ø14
(T2)GROUND BEAMS.
LESS THAN 5M LENGTH
WITH OUT CONSINTRATION.
3Ø16
5Ø8/cm'
2Ø16
5Ø16
(T3)GROUND BEAS.
WITH CONSINTRATED LOAD
3Ø16
5Ø8/m'
4Ø14
(T4)GROUND BEAMS.
LESS THAN 2.5M
4Ø8/m
4Ø14
WINDOW
3Ø14
4Ø12M
3 COAT HOT BITUMEN
6Ø12M
IN THE TOP OF SLAB
4Ø14
8Ø14
CONCRETE WALL SECTION
OF BASEMENT
5cm PLAIN CONCRETE
WATER PROOFING MEMBRINE
10cm PLAIN CONCRETE
STIRRUPS
N.G.LEVEL
COLUMN REINF.
LXW
TUP.SECTION FOOT NO.
WITHOUT BASEMENT.
NOTE:
THE GROUND BEAM HASTOBE MADE DIRECTLY
COVER THE FOOTING OR AT THE SAME
FOOTING LEVEL
ACCORDING TO THE ARCH.
STIRRUPS
N.G.LEVEL
TUP.SECTION FOOT NO.
WITH BASEMENT.
Ø10/20cm
Ø12/15cm
IN THE TOP OF SLAB
Ø12/20cm
CONCRETE WALL SECTION
OF BASEMENT
5cm PLAIN CONCRETE
WATER PROOFING MEMBRINE
10cm PLAIN CONCRETE
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
PLOT NO : 279
BLOCK : 6
DESIGNED BY :
Eng: ALI ALGAAFRY
DRAWN BY :
PLOT AREA :
400.00M²
FLOOR AREA :
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
SCALE: 1:100
AREA :
الوفرة
Sheet No
SCH-20-
15/10/2022

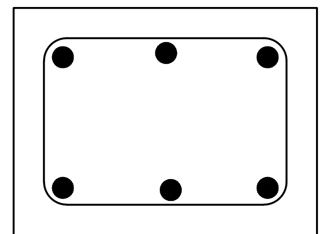

ASCO CONSULTING OFFICE
3Ø14
5Ø8/m'
6Ø16
30
50
10
10 30 10
(T1)GROUND BEAMS.
MORE THAN 5M LENGTH
WITH OUT CONSINTRATED
3Ø14
5Ø8/m'
5Ø14
40
(T2)GROUND BEAMS.
LESS THAN 5M LENGTH
WITH OUT CONSINTRATION.
3Ø16
5Ø8/cm'
2Ø16
5Ø16
60
(T3)GROUND BEAS.
WITH CONSINTRATED LOAD
3Ø16
5Ø8/m'
4Ø14
(T4)GROUND BEAMS.
LESS THAN 2.5M
STIRRUPS
N.G.LEVEL
COLUMN REINF.
H
15
LXW
TUP.SECTION FOOT NO.
WITHOUT BASEMENT.
PLANTED COLUMN
4Ø16
4Ø16
10 Ø 10/m
SEC OF PLANTED COLUMN
4Ø16
10 Ø 10/m
4Ø16
10 Ø 10/m
10 Ø 10/m
1 Ø 16/10CM
10 Ø 10/m
1 Ø 16/10CM
SECTION OF OPENING
OFFICE :
ASCO
CONSULTING OFFICE
أسكو
للاستشارات الهندسية
NORTE:
N
S
E
W
NE
NW
SE
SW
CLIENT :
محمد سعود سعد الخليفى العجمى
SHEET TITLE :
DESIGNED BY :
Eng: ALI ALGAAFRY
PROJECT DATE :
30/10/2021
DATE ISSUED:
30/10/2021
DRAWN BY :

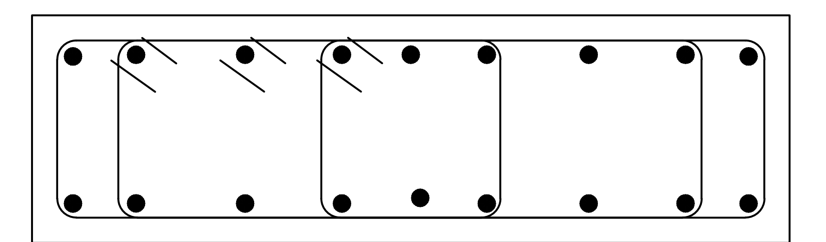
SCALE: 1:100
0 500mm 1M 2M
PLOT NO : 279
BLOCK : 6
PLOT AREA :
400.00M²
FLOOR AREA :
AREA :
الوفرة
Sheet No
SCH- 21 -
15/10/2022

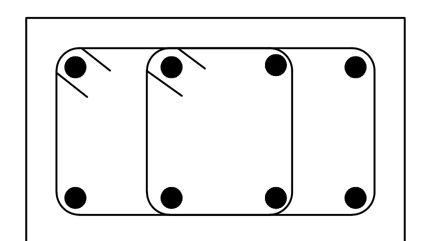


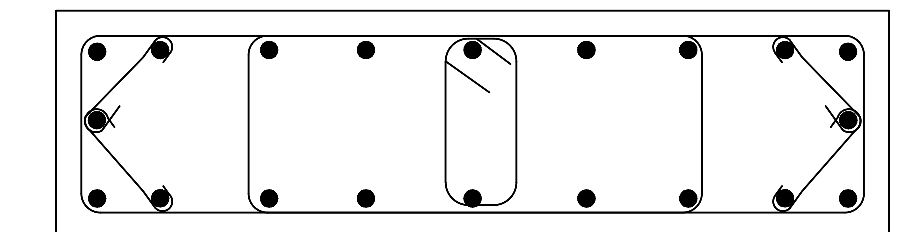
TORSION STEEL FOR RIBS

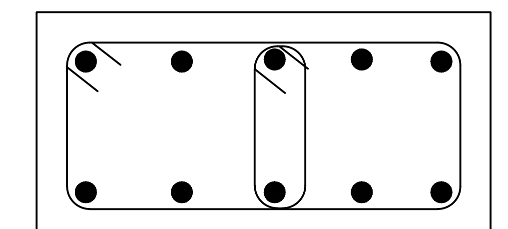
SEC.	T=E	AS1	AS2 /M
A	30	4Ø16	6Ø8
B	35	4Ø16	7Ø8
C	40	4Ø16	8Ø8
D	45	4Ø18	8Ø10
E	50	6Ø16	9Ø10
F	55	6Ø18	10Ø10
G	60	6Ø18	10Ø10

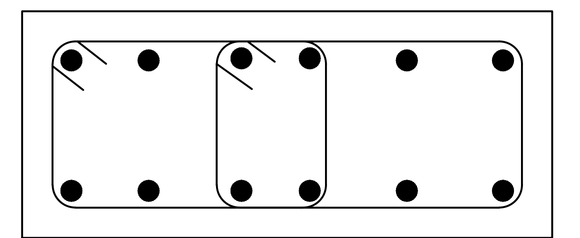


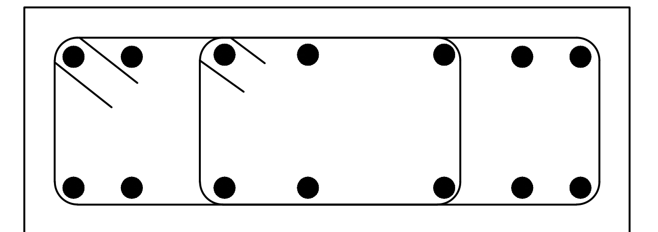












OFFICE :	NORTE:	CLIENT :	SHEET TITLE :	DESIGNED BY : Eng: ALI ALGAAFRY	PROJECT DATE : 30/10/2021	DATE ISSUED: 30/10/2021
		محمد سعود سعد الخليفى العجمى		DRAWN BY : -----------------	SCALE: 1:100	
			PLOT NO : 279 / BLOCK : 6	PLOT AREA : 400.00M² / FLOOR AREA :	AREA : الوفرة	Sheet No SCH- 23 -



